RAVEN

MTi

A PRODUCT OF:

slate
MEDIA TECHNOLOGY

USER GUIDE
VOL. 1

Updated 10/24/13

Table of Contents

Important Safety Notes Before You Start 2

Warranty Information 2

Maintenance and Care 2

- Cleaning the RAVEN MTi 2
- Revitalizing the RAVEN MTi Glass 2
- System requirements 2
- RAVEN MTi Dimensions 2
- Attaching The MTi To Its Stand 2
- Connecting RAVEN MTi to your computer 2
- Software Installation and Touch Calibration 2
- Connecting RAVEN MTi to Pro Tools 2
- Launching RAVEN MTi Software 2

Review of Touch Calibration 2

INSTALLING RAVEN MTi: 2

Setting Up & Aligning Pro Tools With RAVEN 2

RAVEN MTi Software Features 2

- The RAVEN Mixer 2
- RAVEN Channel Strip 2
- Automation Modes 2
- Icons 2
- RAVEN Toolbar 2
- RAVEN Settings 2
- Saving a Pro Tools Session 2
- Saving a RAVEN Session 2
- Restoring to Factory Default 2
- Edit window 2

Working with Plugins 2

- Loading Plugins: 2
- Controlling Plugins: 2
- Closing a Plugin: 2

Important Safety Notes Before You Start

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your RAVEN MTi.

This symbol indicates there are important operating and maintenance instructions in the literature accompanying your RAVEN MTi.

1. Read these instructions
2. Keep these instructions
3. Regard all warnings
4. Follow all instructions
5. Do not use this apparatus near water
6. Do not block any ventilation openings. Install in accordance to the manufacturer's instructions
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the device.
9. Only use attachments/ accessories specified by the manufacturer.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Do not press strongly on the panel with a hand or sharp object such as a pencil, pen, or nail.
12. Do not stick metal objects or conductive material in the device, power chord, or power inlet.
13. Make sure you connect the earth ground wire to prevent electric shock. A cable with a three-pronged grounded AC Plug must be connected to a three-pronged AC outlet.

Power Source
Operate your RAVEN MTi only from the power source included.

Servicing
Servicing of the RAVEN MTi is to be done by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

DAMAGE REQUIRING SERVICE
Unplug the device from the power outlet and refer servicing to qualified service personnel under the following conditions:

- When power supply is damaged
- If liquid has been spilled or objects have fallen into the RAVEN MTi.
- If your RAVEN MTi has been exposed to rain or water.
- If your RAVEN MTi has been dropped or damaged in any way.
- When your RAVEN MTi exhibits a distinct change in performance.

Important Note About DVI Cables

As in many studios, your computer may be located in a room far away from your console. For DVI cable lengths over 15ft, a DVI signal booster is required. This will ensure the video signal reaches the display with no signal degradation.

Warranty Information

Hardware Limited Warranty

A. Limited Warranty

Slate Media Technology (SMT) warrants that its hardware will be free from defects in materials and workmanship, for one (1) year after it has been acquired by the first user when given normal, proper and intended usage. SMT will repair or replace nonconforming product (or a component thereof) that is returned to SMT within the warranty term at no charge.

This warranty applies to products purchased anywhere in the world. You may have additional consumer rights under local laws. SMT will provide the minimum warranty term required by applicable law.

B. Warranty Recipient

The limited warranty applies only to genuine SMT products when sold by an SMT reseller, distributor or dealer.

C. Exclusions from Warranty

This warranty does not cover problems caused by your acts, the acts of others, or events beyond SMT's reasonable control.

SMT does not warrant that use of SMT products will be uninterrupted or error-free. This limited warranty does not apply to expendable components and is void if the product serial numbers have been removed. SMT has no obligation under this warranty to repair or replace products damaged as a result of 1) normal wear and tear, 2) improper or unauthorized use or repair, 3) customer fault or negligence, 4) natural or manmade disaster, or 5) causes external to the products including, but not limited to, exposure to moisture, extreme temperatures, power outages, or other customer site conditions.

D. Limitation on and Exclusion of Damages for Breach of Warranty

You may recover from SMT and its suppliers only direct damages up to the amount you paid for the product.

You cannot recover for loss of present or prospective profits, data loss, business damage, or any other consequential, special, indirect or incidental damages.

E. Warranty Procedures

For information regarding your warranty, please contact Slate Media Technology or your local authorized reseller, distributor, or dealer. Product registration at www.slatemt.com is required in order to process a warranty claim. You will be required to provide proof-of-purchase to validate your claim.

Hardware may require return-to-factory, and customer is responsible for properly packing and labeling and insuring any warranty returns for shipment to Slate Media Technology. Customer is responsible for any damage or loss incurred due to improper packaging or labeling. Customer is required to pay shipping/handling one way for warranty product returns and applicable custom duties, V.A.T. and other associated taxes and charges for international service.

Maintenance and Care

Cleaning the RAVEN MTi

The RAVEN MTi ships with a NanoGlide™ coating, which protects the screen from oil, water, and dirt. The coating also strengthens the surface of the glass making it scratch resistant and smooth to the touch.

IMPORTANT

Do not use regular cleaning solutions on the RAVEN MTi
Household sprays and cleaners will affect the touch glass coating, which can impact performance. We recommend a simple microfiber cloth to clean the surface of the glass.

If more intensive cleaning is required, use a lightly damp cloth. Make sure that the cloth is not too wet; the coating will make the water bead and drip. As a precaution, keep a dry cloth at the bottom of the screen to catch any runoff.

Do not allow moisture from liquids to accumulate on the screen when cleaning. Accumulation of liquids can damage internal electrical devices. If a damp cloth

must be used, make sure to remove any excess water immediately after cleaning.

To clean RAVEN MTi's exterior metal parts use a simple microfiber cloth. If deeper cleaning is required, a non-abrasive cleaning solution can be used on the metal parts only. Be sure to not spray cleaner on the RAVEN MTi directly, rather spray the cleaner on to a cleaning cloth away from the RAVEN MTi, then use the dampened cloth on the RAVEN MTi's metal parts.

The high gloss lacquer finish on RAVEN MTi's side panels can be damaged by some cleaners. Use a gentle cleaning solution. Test in an inconspicuous area first.

Revitalizing the RAVEN MTi Glass

The RAVEN MTi comes out of the box with a NanoGlide™ coating that repels oil, water, and leaves the surface incredibly smooth to the touch.

After some use, it may be necessary to revitalize to bring the glass back to its original slickness. We recommend using the revitalizing solution when you feel the glass has substantially more friction than when you first started using your RAVEN MTi.

The coating process is very easy and can be done following the steps below. All you need is a microfiber cloth and the supplied 4oz bottle of Revitalizer/Protector solution.

IMPORTANT:
Apply the revitalizer solution in a well-ventilated area

NOTE:
The Revitalizer Solution is not a product of Slate Media Technology. Please read the Revitalizer label for more information, precautions, and first aid instructions.

1. Using a microfiber cloth, clean the RAVEN MTi screen to remove dust and fingerprints.

2. Spray the revitalizer solution directly onto the RAVEN MTi glass. It should take approximately six sprays to cover the glass completely.

    a. **IMPORTANT:** Do not spray so much that the solution drips down the screen. Excess moisture could damage the display and touch system. If you are unsure, place a cloth at the bottom of the screen to catch any runoff.

3. Using a microfiber cloth LIGHTLY spread the solution around to cover the entire screen.
    a. **IMPORTANT: DO NOT WIPE/BUFF AWAY ALL OF THE REVITALIZER SOLUTION FROM THE SCREEN.** The coating on the glass leaves a very thin residual layer of Revitalizer, which significantly adds to the slickness and oil repellency. Removing all of the product will leave the glass less smooth than desired.
    b. USE A LIGHT TOUCH TO APPLY THE REVITALIZER AROUND THE SCREEN.

NOTE: There will be a residual oil layer on the glass after revitalizing. When the screen is turned OFF, the glass may appear cloudy. This is OK. You should not be able to notice this layer when the screen is turned ON. If you do, wipe gently until you cannot see the oil layer.

Your RAVEN MTi is now back to its original slickness!

Getting Started

System requirements

The RAVEN MTi will run on any Mac computer, however we recommend these specifications for optimal performance.

- OSX 10.7 (Lion) or 10.8 (Mountain Lion)
- Intel i7 or Xeon processor with a clock speed of at least 2.4 GHz.
- Minimum 2GB RAM
- Graphics card with minimum 512MB memory, though 1GB graphics memory is recommended
- Any Mac Pro produced after 2010 is ideal and will meet all the requirements, though MacBook Pro's, Mac Mini's and iMac's meeting the requirements should

do fine. Graphic response speed will vary depending on the capabilities of the computer's graphics card.

RAVEN MTi Dimensions

NOTE:
If you are creating custom furniture for your RAVEN MTi, CAD drawings with precise dimensional information may be available on request.

Attaching The MTi To Its Stand

Along with the MTi, you will also notice two available metal stands and four screws. Attach the stand to the back of the MTi using the four screws and to prop the MTi to its inclined state.

Note: Do not attempt to plug in any cords until the stand has been attached to the body.

Connecting RAVEN MTi to your computer

- RAVEN MTi connects to your computer using a DVI and USB connection

1. Attach DVI video cable to the first slot on your Mac Pro. (Note, HDMI is also available if you prefer.)
2. Connect USB to any available slot on your computer.
3. Turn computer on and computer will sync to display.
4. In System Preferences, click Displays and select the RAVEN MTi as your main display.

IMPORTANT
As in many studios, your computer may be located in a room far away from your console. For DVI cable lengths over 15ft, a DVI signal booster is required. This will ensure the video signal reaches the display with no signal degradation.

You will now need to install touch drivers in order to get touch response from RAVEN MTi.

Software Installation and Touch Calibration

Installing the RAVEN MTi software and calibrating the touchscreen is a quick process.

IMPORTANT
Calibration is the most important process for accurate use of the screen. Failure to calibrate properly will result in poor touch performance.

DO NOT RUN ANY APPLICATIONS UNTIL CALIBRATION IS COMPLETED

1. Run the RAVEN MTi installer and download the drivers onto your hard drive.
2. Restart your computer for changes to take effect.

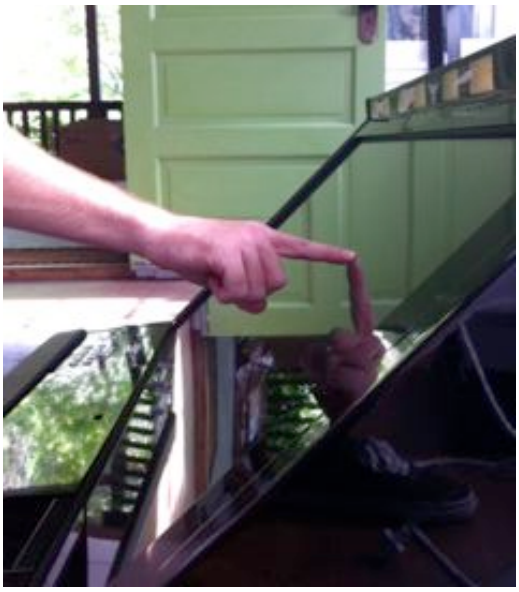
To calibrate RAVEN MTi use the following procedure:

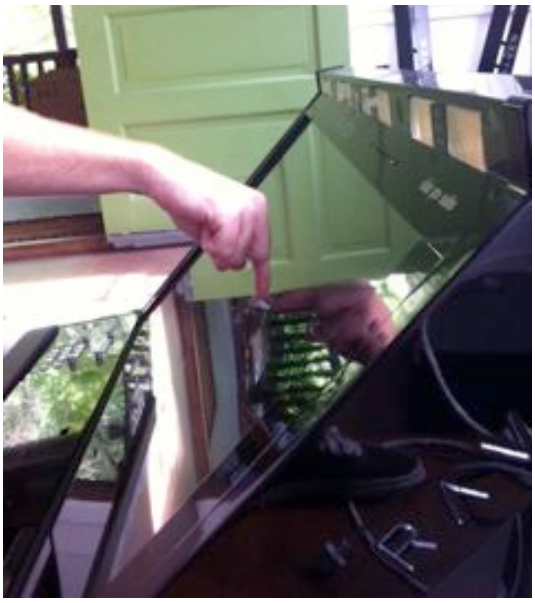
1 Launch MultiTouchPlatform. This can be found in your application folder.
2 Press calibration button on the home screen.
3 Follow the prompts on the screen and touch the center of each "+" as it appears.
4 Repeat steps 2-3 until an accurate calibration is achieved.

Important notes about screen calibration.

- Calibration should be done sitting in the center position of the console. Failure to do so will result in an inaccurate calibration point.
- Calibration must be done using a direct and natural touch angle. Do not calibrate with a bend in your wrist or from an extreme angle. Failure to do so will result in an inaccurate calibration.

Correct Touch Angle **Incorrect Touch Angle**





- Do not use a stylus or other object to calibrate the screen.
- After calibration is achieved, test on desktop applications and software. The user should be able to open and close windows with ease.
- RAVEN MTi should not be used without confirmation of proper calibration.

Connecting RAVEN MTi to Pro Tools

In order for RAVEN MTi to effectively communicate with Pro Tools, use the following set up instructions.

Note: The Ney-Fi app is included in your RAVEN MTi installer.

1. Launch Ney-Fi.
2. Launch Pro Tools.
3. In Pro Tools under Setup > Midi > Input Devices, check boxes VControl 1 through 3.

4 Open Setup > Peripherals > Then go to the Midi Controllers tab. Under the dropdown menu, select HUI control, Receive from vcontrol 1, Send to vcontrol 1.

5 Repeat step 5 for each of the HUI control sections on this screen, selecting vcontrol 2 and vcontrol 3 in the Receive from and Send to sections.
6 Close the window by hitting, “Ok.”

These settings will save in Pro Tools for future sessions.

Launching RAVEN MTi Software

After all connections are made in the RAVEN MTi hardware and in Pro Tools. You will be ready to launch the RAVEN MTi software.

The following sequence must be followed in order to achieve proper connection from RAVEN MTi to Pro Tools.

1 Ney-Fi
2 Pro Tools
3 RAVEN MTi

We recommend keeping these three applications in your dock at all times. Also note that we recommend right-clicking the Ney-Fi app and having it automatically launch with the Finder.

Once RAVEN MTi is launched it will sync with your current session, and make all connections automatically. The mouse will not function in the RAVEN Mixer window, however, touch will control it from this point forward.

Review of Touch Calibration

IMPORTANT
Calibration is the most important process for accurate use of the screen. Failure to calibrate properly will result in poor touch performance.

DO NOT RUN ANY APPLICATIONS UNTIL CALIBRATION IS COMPLETED

3. Run the RAVEN MTi installer and download the drivers onto your hard drive.
4. Restart your computer for changes to take effect.

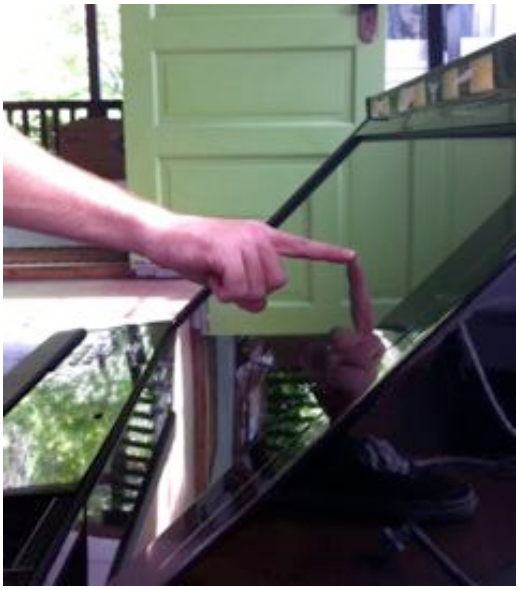
To calibrate RAVEN MTi use the following procedure:

5 Launch MultiTouchPlatform. This can be found in your application folder.
6 Press calibration button on the home screen.
7 Follow the prompts on the screen and touch the center of each “+” as it appears.
8 Repeat steps 2-3 until an accurate calibration is achieved.

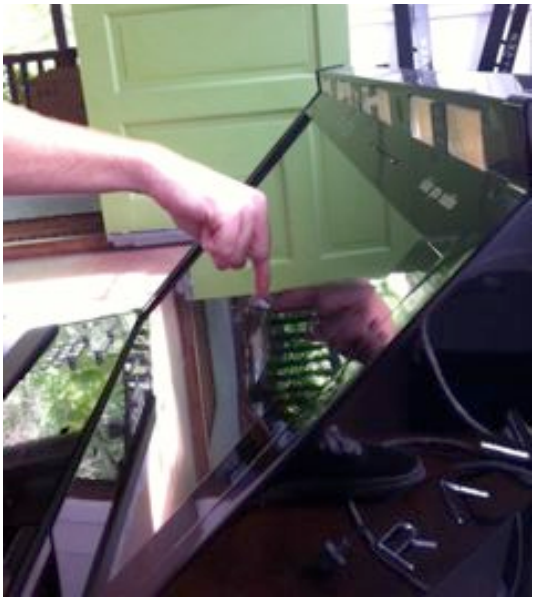
Important notes about screen calibration.

- Calibration should be done sitting in the center position of the console. Failure to do so will result in an inaccurate calibration point.
- Calibration must be done using a direct and natural touch angle. Do not calibrate with a bend in your wrist or from an extreme angle. Failure to do so will result in an inaccurate calibration.

Correct Touch Angle



Incorrect Touch Angle



- Do not use a stylus or other object to calibrate the screen.
- After calibration is achieved, test on desktop applications and software. The user should be able to open and close windows with ease.
- RAVEN MTi should not be used without confirmation of proper calibration.

INSTALLING RAVEN MTi:

Open the installer and follow the directions on the installer. Once the applications have been placed into your applications folder and your drivers have been downloaded, add the applictions to your dock for easy access.

Setting Up & Aligning Pro Tools With RAVEN:

Setting up Pro Tools with RAVEN is a one-time operation. On the Pro Tools menu bar;

1) First, Navigate to your Apple on the OS Finder > Go To Dock > Turn Hiding On.

2) Navigate To The Pro Tools Heading > Preferences

3) Then, click the “Mixing” tab

4) Check the box next to: “Always Fill Channel Strips when Banking”

5) Next, under "View" on the Pro Tools OS Menu Bar, Navigate To "Mix Window Views"

6) Select 1 Set of Inserts and 1 Set of Sends.

7) Confirm you have your group and track lists displayed on the left of the Pro Tools Mixer as well as confirm your clip lists are completely hidden on the right of the Pro Tools Mixer.

8) Launch the RAVEN MTi Software from the dock.

9) Notice the light grey vertical Line on the left side of the RAVEN Toolbar.

10) Again, make sure your track list is showing, and your Pro Tools mixer tracks are scrolled fully to the left. Then use the mouse to grab the right side of the track list and align the “grey vertical line” with the edge of the Track List. When complete, the vertical navigation cursor on the Track List should be centered with the “grey vertical line” on the RAVEN Toolbar.

11) Look at the RAVEN Mixer and confirm that the meters do not have any holes, and that the lines of the RAVEN Mixer tracks are aligned from the top to bottom. Note: Confirm the tracks correctly aligned before moving on as incorrect alignment will affect your use of RAVEN negatively.

12) Now, touch the **EDIT/MIX** button on the RAVEN Toolbar.
13) Touch the **HIDE RAVEN** button on the top left of the Raven Toolbar.
14) Click the Green Maximize window button on the top left of the Pro Tools Edit Window.
15) Take the lower right corner of the Edit Screen at bring the window size to about on half the screen top to mid-screen.
16) Touch the **SHOW RAVEN** button in the lower left corner of the screen.

17) Again, take the lower right corner of the Pro Tools Edit window and align it so it displays completely with the scroll bars aligning with the top of the second Raven Toolbar rack.

18) Save Pro Tools by touching the **SAVE PRO TOOLS** button on the lower left of the Raven Toolbar and you are ready to mix.

RAVEN MTi Software Features

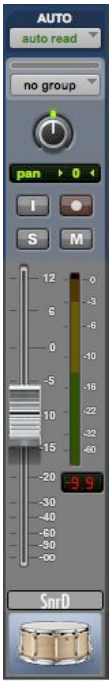
RAVEN MTi is loaded with many custom features made for a touch screen.

The RAVEN Mixer

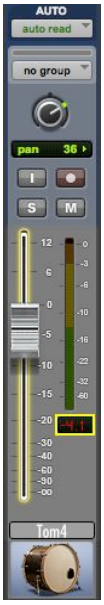
The RAVEN Toolbars provide controls typical of most DAW's. From the RAVEN Mixer you are able to have MultiTouch access to all of the controls of the mixer.

RAVEN Channel Strip

The RAVEN channel strip is where you find your controls. Examples are: faders, solos, mutes, pans, inserts, and automation modes



Fine Faders - Tap the DB display window to put single channels into fine mode.



Automation Modes

Automation on the RAVEN MIXER:

1. Pressing the button below the word “AUTO” directly on the RAVEN Mixer will display your automation.

Automation on the FLOATING MIXER:

1. Pressing the button above the INS button, the automation drop-down menu will appear.

2. Select the desired mode, and the mode indicator will change.

Icons

The RAVEN has built in icons to help you identify your tracks in a busy mix. To load an icon:

1. Press the Icon slot below the fader module. A floating icon window will appear

2. Tap an icon and a yellow box will appear around selected image.

3. Touch each channel icon slot that you wish to load with an image. You can also swipe across the icon slot to load the images.

4. To remove an icon, touch the blank icon box in the palette, and then touch the channel icon slot you wish to remove. Note: Sliding also works here.

RAVEN Toolbar

The RAVEN Toolbar rests on the bottom of the screen and is the control center for many essential features. It can be viewed with a single, double, or triple rack space using the + and – rack buttons.

Single Rack:

Double Rack:

Triple Rack:

To Add or Remove Racks press the + to show more racks in your toolbar or – to show less racks. RAVEN Racks can be customized to show as many or few tools as you would like.

To interact with your OS while RAVEN is open, we have provided a quick and easy Hide RAVEN button above the RAVEN Power button on the RAVEN

Toolbar. Touch to Hide your RAVEN software almost entirely except for the RAVEN on the bottom left hand side displaying the text, “Show.” Touch or click the RAVEN Logo “Show” button on the bottom left hand side of the screen and the RAVEN software will again appear.

Note: This can be very helpful when using an internet browser or something that appears hidden behind RAVEN’s software overlay.

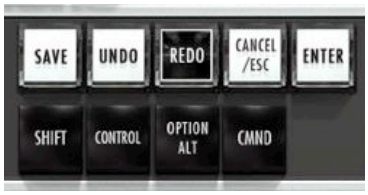
1. **Power** – Exits the RAVEN software.

When the power button is pressed and held, you will be prompted to save a RAVEN session. If you wish to save your RAVEN session, press yes. If not, press no. Pressing cancel will keep the current RAVEN session running. (See section on Saving a RAVEN Session for further details.)

2. **Banking** – Moving between tracks is quick and easy. Using your finger on the lower half of the fader plate, simply glide one finger across the screen in the direction you would like to move. The tracks will move one track at a time in this scenario.

   If you would prefer to move by eight tracks, simply use two fingers to swipe left or right on the lower half of the fader plates. Note: If there are less than eight tracks to the end of the project, RAVEN will restrict you from overswipes. Simply glide your finger for the remaining tracks.

3. **Commands and Modifiers** – All normal functions such as Save and Undo are found in the toolbar. The Modifier keys latch when touched once and unlatch when a command is executed.



4. **Open/Close Last Plugin** – Use this button to close plugin windows or to show the last open plugin.

5. **Pan Left/Pan Right** – This button shows the right side of any stereo track. To see stereo tracks, touch the button so that it reads "PAN RIGHT" the only track visible will be the right side of any stereo track in your session. Touch the button again to see left panners and mono tracks.

6. **Pan Mode** – This changes the control of the pan knobs from rotary to traditional up/down. In rotary mode, move your finger in a circular motion around the perimeter of the knob. In up/down mode, touch the middle of the knob and move up or down to adjust pan.

7. **NavPad** – Launches a floating navigation window where you can Zoom, Scroll, Shuttle and Scrub.

   Note: The NavPad uses an X, Y-axis to control zooming. Use only a single touch to control zooming. The NavPad is not designed for two finger

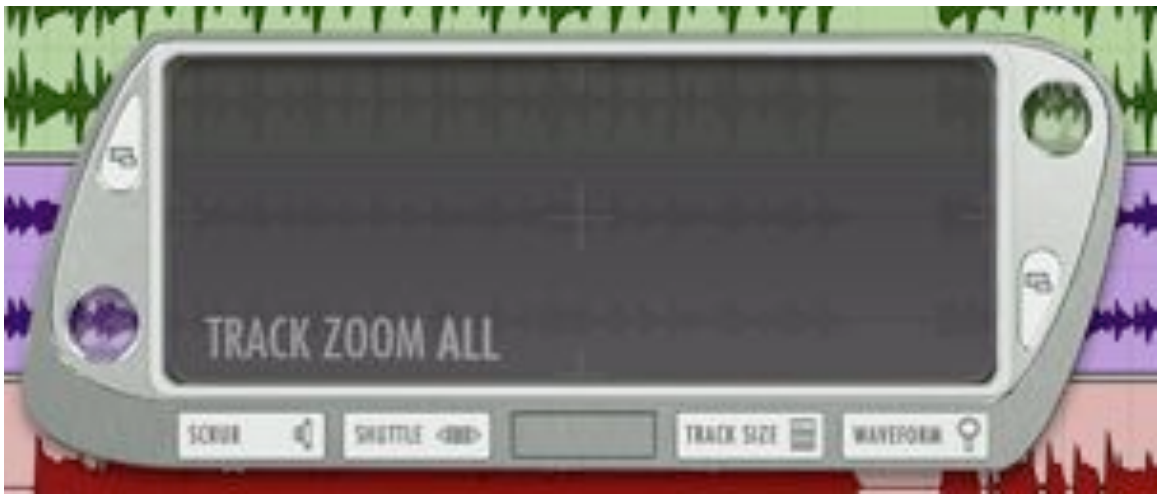
pinch gestures for zooming. A two-finger touch moved along the x or y-axis will scroll the edit window.

Put the window anywhere on the screen by grabbing one of the two side handles.

There are two NavPads on the RAVEN Mixer. One floating window, and one built into the toolbar. Both have the same functionality.

a. Note – Separate your fingers when using a two-finger gesture for proper performance.

Floating Navpad Window:



Toolbar NavPad:

Note: Press the Track Zoom button to toggle between individual Track Zoom or Track Zoom All.

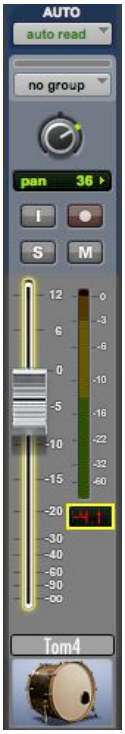
8. **Big Counter** – Displays the counter synced with the transport in Pro Tools.

9. **Edit/Mix** – Switch back and forth between the Edit and RAVEN Mixer window.

Note: You can remove the Raven Mixer by touching the RAVEN Mixer button and see the actual Pro Tools mixer. Please note, the Pro Tools mixer will not be multitouch.

Additionally you can control the size of your mix window between 22 faders and 24 faders, which shows and hides your Track and Groups list. Simply touch the Mixer 24 or 22 faders button and the Track and Group list will appear and disappear.

10. **Fine Faders** – Tap this button to put faders into “FINE” mode, where finger movements are slowed to tenths of a DB. Use the “FINE FADERS” button to put all faders into fine mode. Tap the DB display window to put single channels into “FINE” mode.



We have also included the ability to control the response of the Fine Faders by double-tapping the Fine Faders button on the RAVEN Toolbar. Then, adjust between 1 and 10, 1 being the slowest response for extreme detail and 10 being the fastest Fine Fader response.

11. **Custom Macro "Hotkeys"**

Create your own hotkeys using standard keyboard commands. To create a hotkey:

a. Press and hold any of the buttons labeled 1-6 or 1-8.
b. A box will appear, prompting you to enter a key combination. Enter the combination into your keyboard.

c. Press Enter when command is displayed and then, enter a name for the hotkey. Type a name and hit enter again.
d. To remove a Hotkey, simply press and hold the hotkey to be erased and hit enter twice.

Note: There are 22 Available hotkeys for each saved layout.

12. **Customize Toolbar** – Tap this button to enter "Customize Toolbar" mode. Simply:
    a. Press the button and it will latch.
    b. Drag icons and buttons around the toolbar to your liking.
    c. Press the button again and it will unlatch allowing you to use your custom tool layout.

Note: This also works with adding to your "Floating Toolbar."

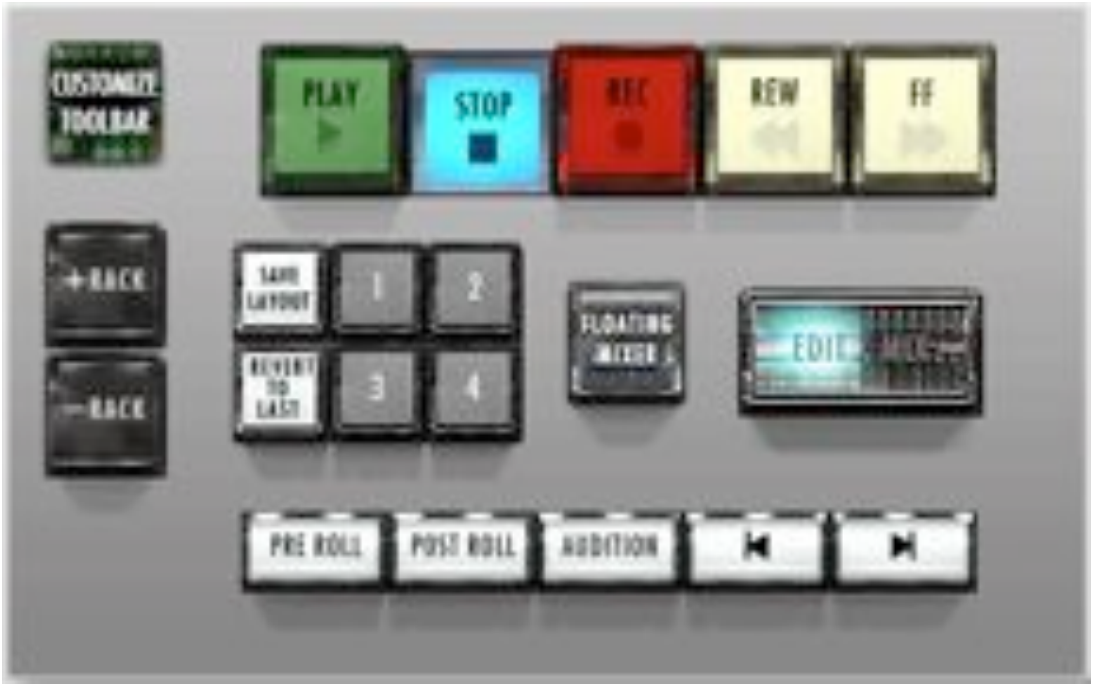
13. **Floating Toolbar** – Pressing this button will bring up a customizable floating window. You can populate this window with tools that are essential to your workflow, and can move them anywhere on the screen.

Once the Floating Toolbar button is pressed, the semi-transparent window will appear with the familiar Customize Toolbar button as well as + / – Rack buttons.

To customize your Floating Toolbar:

- Press the Customize Toolbar button on the top left corner of the palette.

- Drag desired tools to the palette. The palette will automatically resize to fit more or less tools in your configuration.
- Press Customize Toolbar button again to exit.



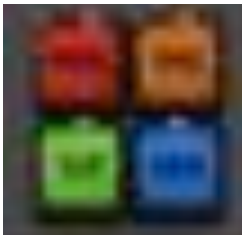
Your Floating Toolbar is now ready to use. You may now remove racks all racks if you want to work with just the Floating Toolbar. To bring back the Raven Toolbar, simply press the + Rack button on the Floating Toolbar.

14. **Save Layout** – Saves your RAVEN toolbar layout, your Floating Toolbar layout and your configured Hotkeys to a specific button you can get back

to easily. Press Save layout and choose a number 1-4 to save. To recall your saved layout, press the assigned button.

Note: “Revert to Last” will bring up the previous layout that was displayed, this is in case of accidental saves or changes to hotkeys or toolbar.

18. **Grid Modes** – Press any of these buttons to select the grid mode you wish to work with.



Note: Grid toggles between “Grid” and “Reel Grid.”

19. **Nudge/Drop/Replace** – These function exactly the same as in the Pro Tools edit window.

20. **Memory Locations** – These buttons function exactly the same as the memory locations feature in Pro Tools.

Note: The smaller 6-panel are linked to the larger 16 locations.

21. **Tool Palette** – These buttons activate the tools commonly used in Pro Tools. Since they are located on the toolbar, there is no need to reach to the top of the Pro Tools screen to select tools.

Tools with multiple functions can be toggled by pressing the tool button until the correct function is selected.

Smart Tool Selection – Just like in Pro Tools, the smart tool can be accessed from the RAVEN Toolbar. To access the smart tool:

- Using two fingers, press the trim and select buttons simultaneously.
- The buttons will turn yellow.
- Smart tool is now selected.

15. **Duplicate/Clip Loop** – Easy tools to duplicate and loop sound clips in the edit window.

16. **Zoom in/Zoom out** – Zooms in or out of a section in the edit window.

17. **Floating Mixer** – Brings up a bank of faders on a floating window over the Edit screen.

Pressing the floating mixer button will engage the floating mixer that can be adjusted and moved anywhere on the screen.

The floating mixer can be expanded or collapsed by pressing the “-“ or “+” button on the floating mixer heading. The mixer can be viewed as 8, 16, 24, or 32 channels.

24-channel mode.

Pressing the pan button will switch the top section of the mixer from automation modes to pan modes.

Pressing the “X” button on the top right of the heading will close the Floating Mixer.

Banking the mixer using finger gestures

Like the RAVEN Mixer, the Floating Mixer can also be banked using finger swipes. Touch the fader faceplate and glide your one finger left and/or right to bank by one track at a time. Do not touch the fader cap for a banking motion.

Users can also bank more quickly by using two-fingers on the faceplate of the fader tracks and swipe left or right to bank by eight tracks at a time. But note, if there are less than eight tracks remaining in the desired direction being swiped, you will need to swipe individually as RAVEN does not overswipe.

RAVEN Settings

Touch the Settings button and the tool racks will appear. At the very top you’ll notice a RAVEN Settings toolbar.

There are five buttons on the RAVEN Settings bar.

Save As – Brings up the dialog window for renaming and saving the RAVEN session to a location.

Load RAVEN Session – Loads a previously saved RAVEN session. (.ravlay file)

Set User Default/User Default – RAVEN automatically launches in RAVEN Factory Default layout. However, once a user gets things to the way they like them with saved layouts, etc. The user can set their current layout to launch at default by touching the “Set User Default” button. Once highlighted to “User Default,” the user knows that they are using their layout as default.

Restore Factory Default/Factory Default – Restores the RAVEN software to factory settings.

Stereo/Surround Meters – Switches the RAVEN Mixer between displaying Stereo Meters and Surround Meters.

Saving a Pro Tools Session

On the RAVEN Toolbar, we have included a Save Pro Tools button that allows you to quick and easily save your Pro Tools progress. Remember, your Pro Tools session is a different file than your RAVEN Session so be sure to save both frequently when changes have been made.

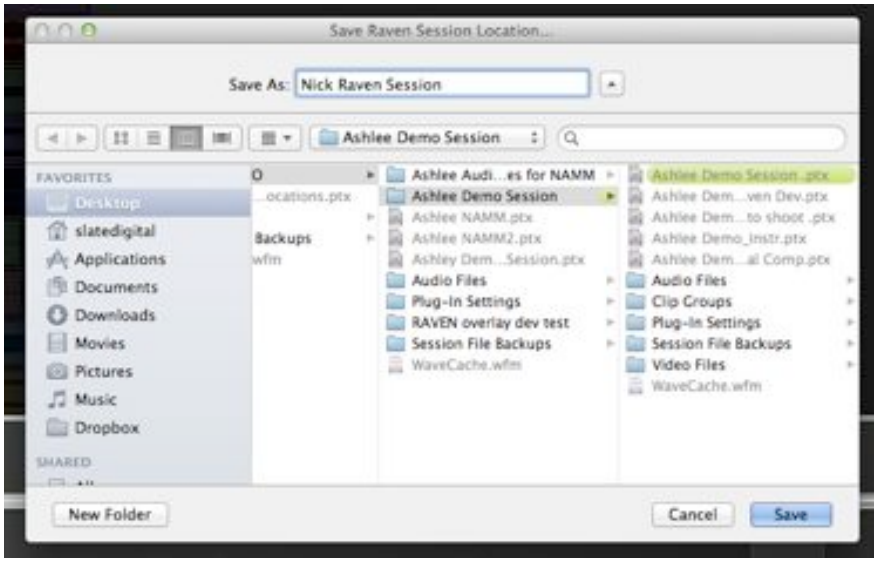
Saving a RAVEN Session

The RAVEN software allows you to save your current layouts, icons and other customizations to a dedicated session folder. You can save this folder with your DAW sessions and instantly recall them at any point in time.

To **Save A RAVEN Session:**

1. Hit the Save RAVEN Session button

2. Choose a folder you want to save the session to and give the folder a name.

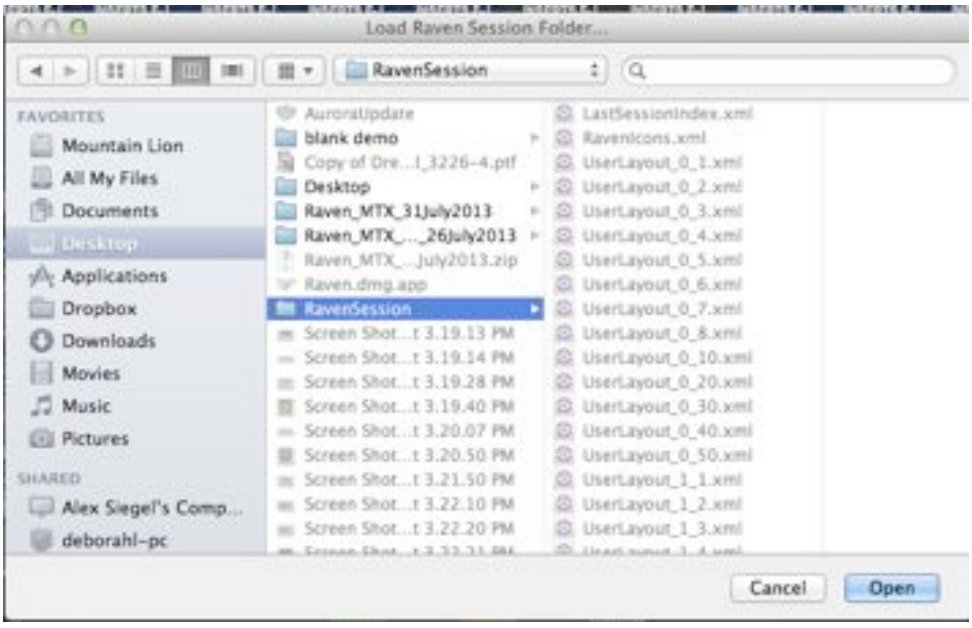


3. Press Save.

To Load a RAVEN Session:

1. Press the Load RAVEN Session button

2. Locate your previously saved RAVEN Session folder and press open.



3. Your RAVEN session will now load exactly as you saved it.

Restoring to Factory Default

1. Press the button for restore default

2. You will be prompted with a warning. Press OK if you wish to restore the RAVEN Software to its factory settings, press Cancel if you don't want to complete this action.

Edit Window

RAVEN allows for single touch control over the Pro Tools Edit Window. Familiar tools and functions can be easily accessed with your fingertips, offering an improved workflow.

All of the edit tools can be accessed from the toolbar as discussed in the previous section. Experiment with button layouts to find your optimal workflow positioning.

Note: Small controls on the Edit Window are not made for a touchscreen. We recommend using a mouse to select small buttons and icons.

Working with Plugins

Loading Plugins:

On The Raven Mixer:

Like Pro Tools, you simply reach out and touch the desired rack space on your Inserts. Simply and easily tweak the plugin and use the Close plugin button to remove the plugin from the screen.

On The Floating Mixer:

1 Hit the INS button on a given channel. The floating plugin window will then open.

- The floating plugin window can be moved anywhere on the screen.

2 Select any plugin slot to bring up the plugin drop down list.
3 Touch and hold the “no insert” tab to activate the plugin list. We suggest dragging your finger down the list to get the most accurate response.
4 Release finger to load selected plugin.

Controlling Plugins:

IMPORTANT:
Since RAVEN is a brand new platform for controlling audio, there has yet to be development by many 3rd party plugin manufacturers for touch. While, multitouch developments are being worked on, some limitations exist.

It is not recommended to touch controls that are small in size.
Plugins should only be touched when there is a large control that is easy to activate via touch. Otherwise, a mouse should be used to control the plugin.

Plugin parameters are controlled by a single touch only. Functionality is the exact same as using a mouse and uses the familiar up/down movements to control knobs.

Closing a Plugin:

RAVEN is developed with custom ways to open and close plugins.

IMPORTANT
Never try to close a plugin window by touching the small, red “close” circle on the top left on the window. The button is too small to have accurate results.

1 Plugins can be opened and closed using the “**Open/Close Last Plugin**” button found in the toolbar.

2 Plugins can also be opened and closed by touching the plugin slot on the PlugBot floating window.

3 Tapping the INS button on the channel will close plugbot, but leave the plugin window open.